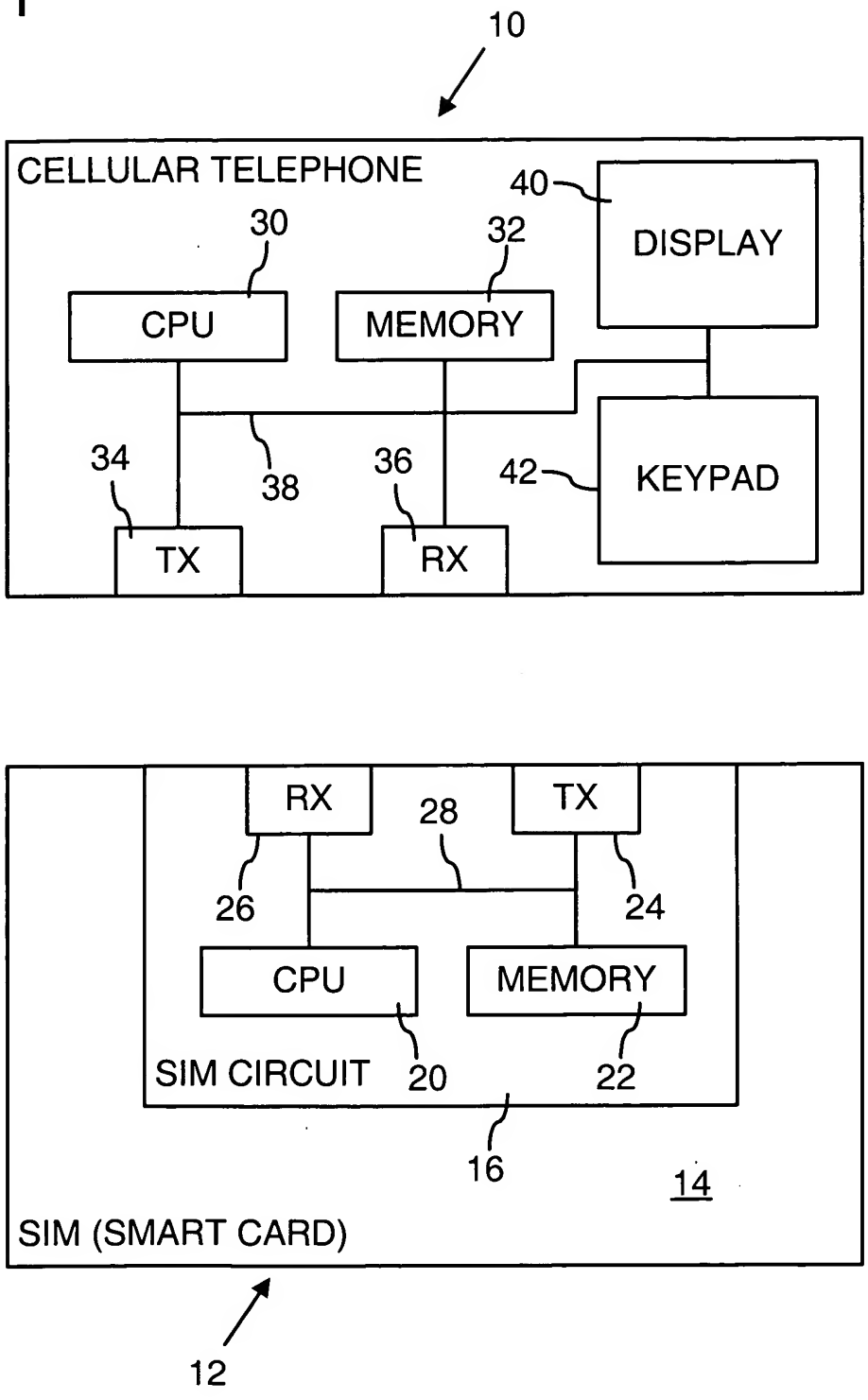
Fig. 1


10
CELLULAR TELEPHONE
40
DISPLAY
30
32
CPU
MEMORY
34
38
36
42
KEYPAD
TX
RX
RX
28
TX
26
24
CPU
MEMORY
SIM CIRCUIT
20
22
16
14
SIM (SMART CARD)
12

20STTO" 0E9250T

Fig. 2

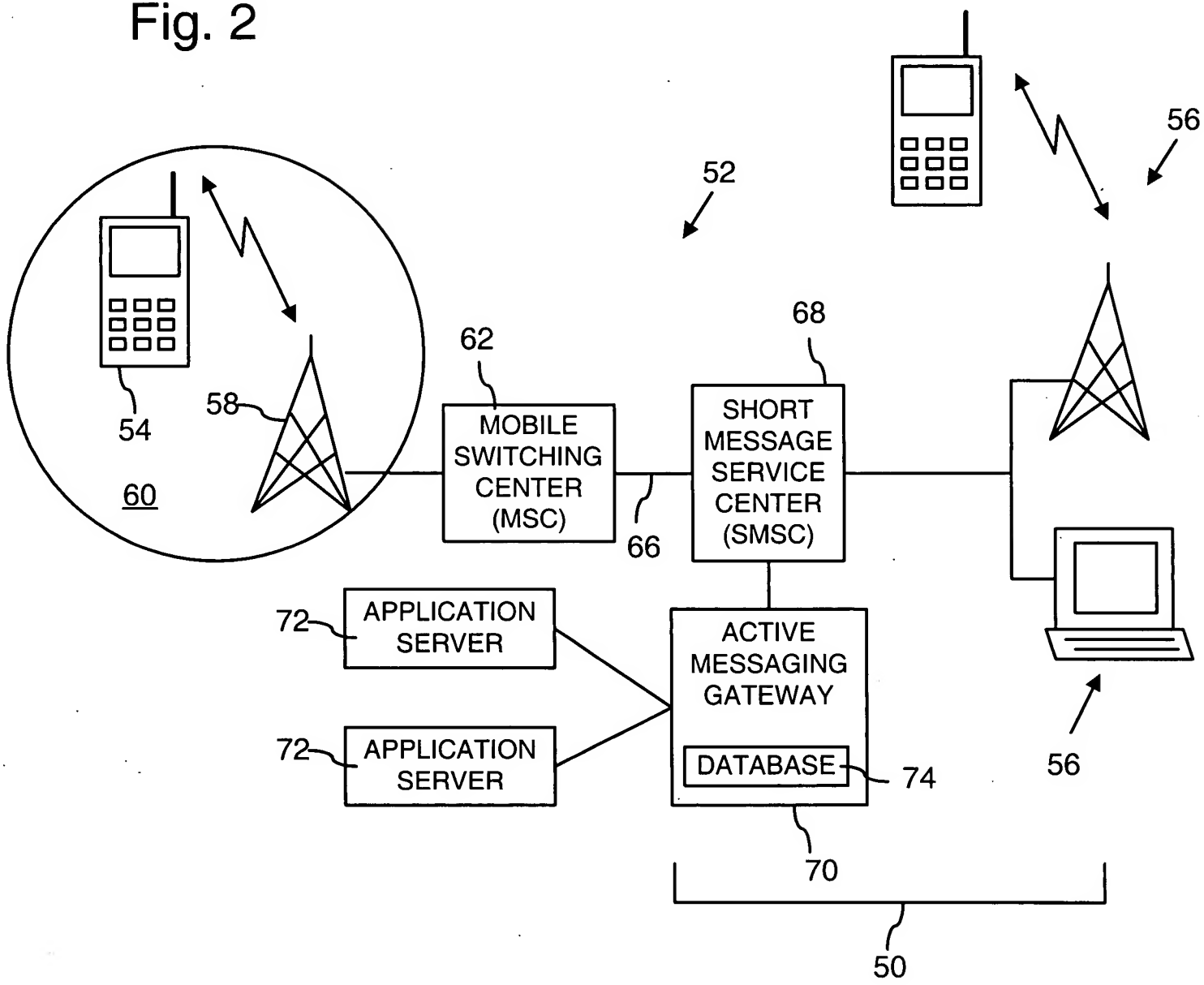
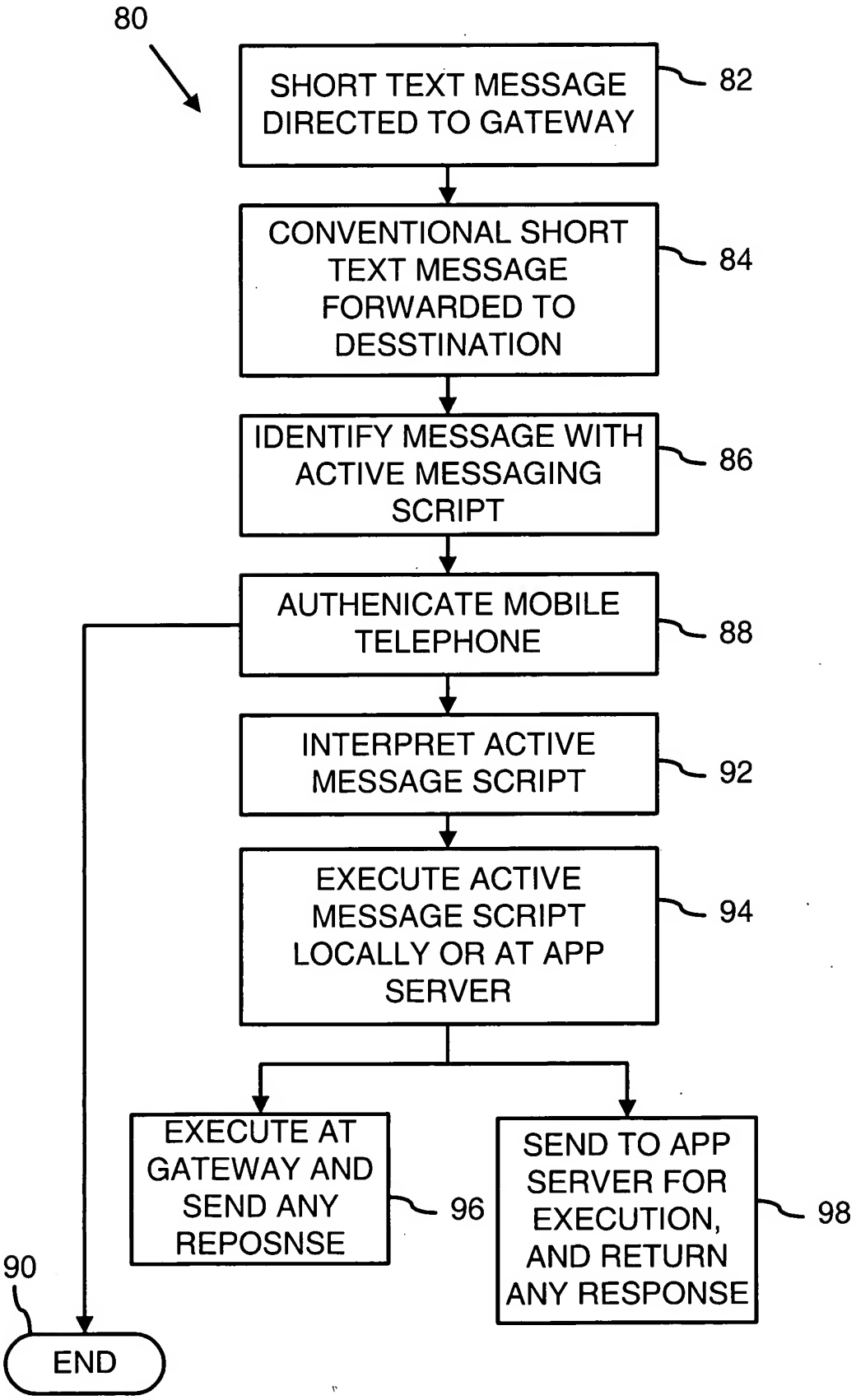


Fig. 3


80
SHORT TEXT MESSAGE DIRECTED TO GATEWAY
82
CONVENTIONAL SHORT TEXT MESSAGE FORWARDED TO DESSTINATION
84
IDENTIFY MESSAGE WITH ACTIVE MESSAGING SCRIPT
86
AUTHENICATE MOBILE TELEPHONE
88
INTERPRET ACTIVE MESSAGE SCRIPT
92
EXECUTE ACTIVE MESSAGE SCRIPT LOCALLY OR AT APP SERVER
94
EXECUTE AT GATEWAY AND SEND ANY REPOSNSE
96
SEND TO APP SERVER FOR EXECUTION, AND RETURN ANY RESPONSE
98
90
END

20STTO" 0S02S0Q1

Fig. 4

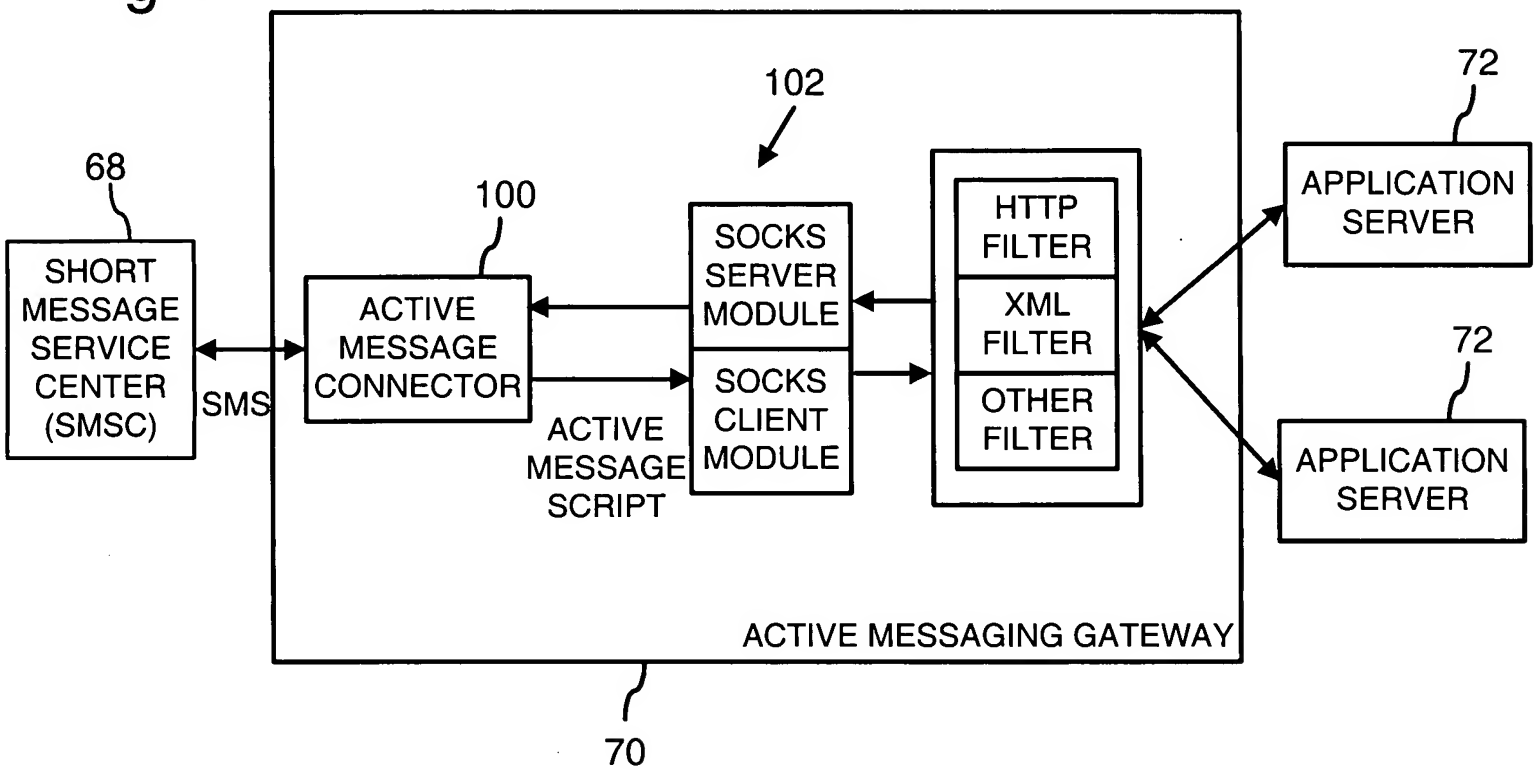


Fig. 5

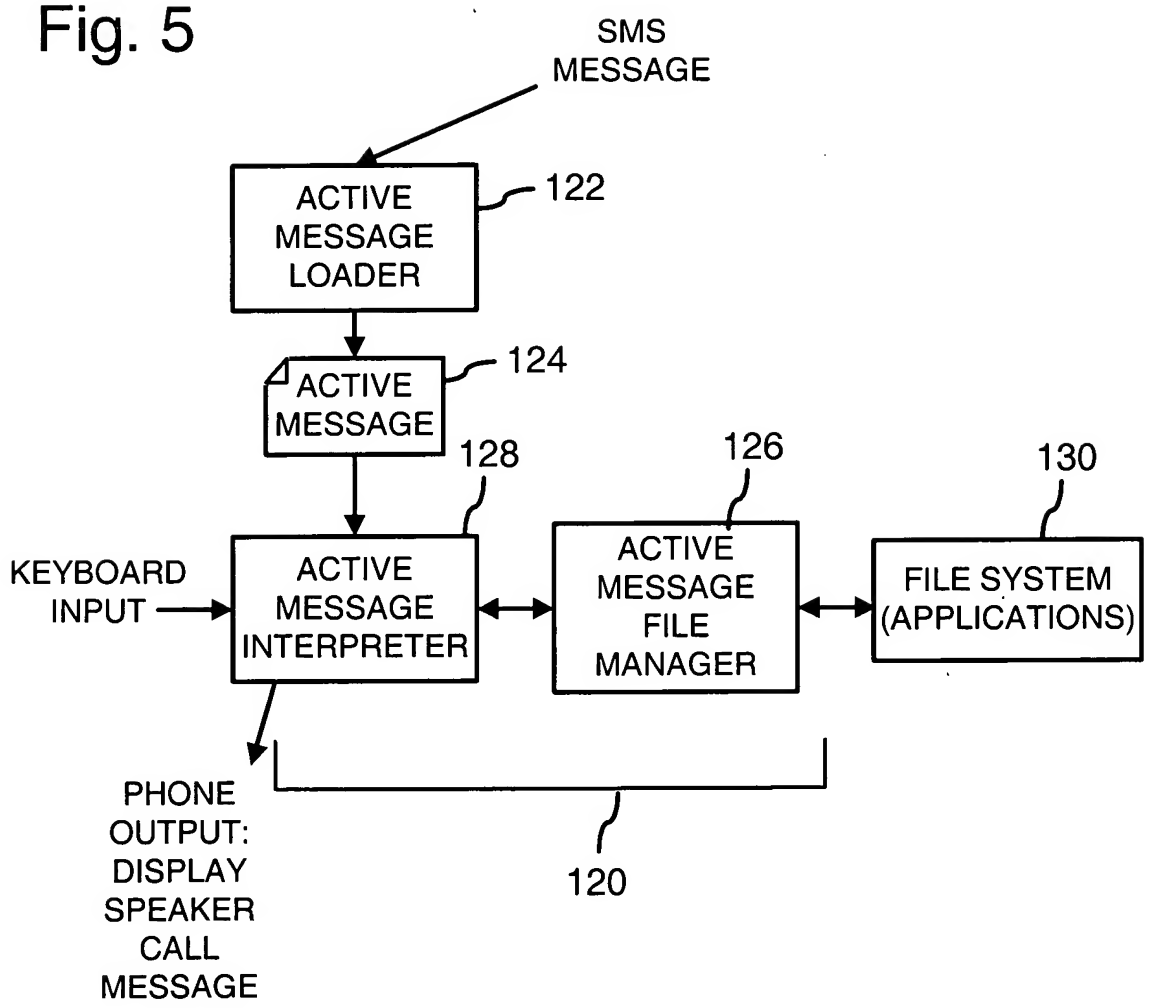

SMS MESSAGE
ACTIVE MESSAGE LOADER
122
ACTIVE MESSAGE
124
128
126
130
KEYBOARD INPUT
ACTIVE MESSAGE INTERPRETER
ACTIVE MESSAGE FILE MANAGER
FILE SYSTEM (APPLICATIONS)
PHONE OUTPUT: DISPLAY SPEAKER CALL MESSAGE
120

Fig. 6

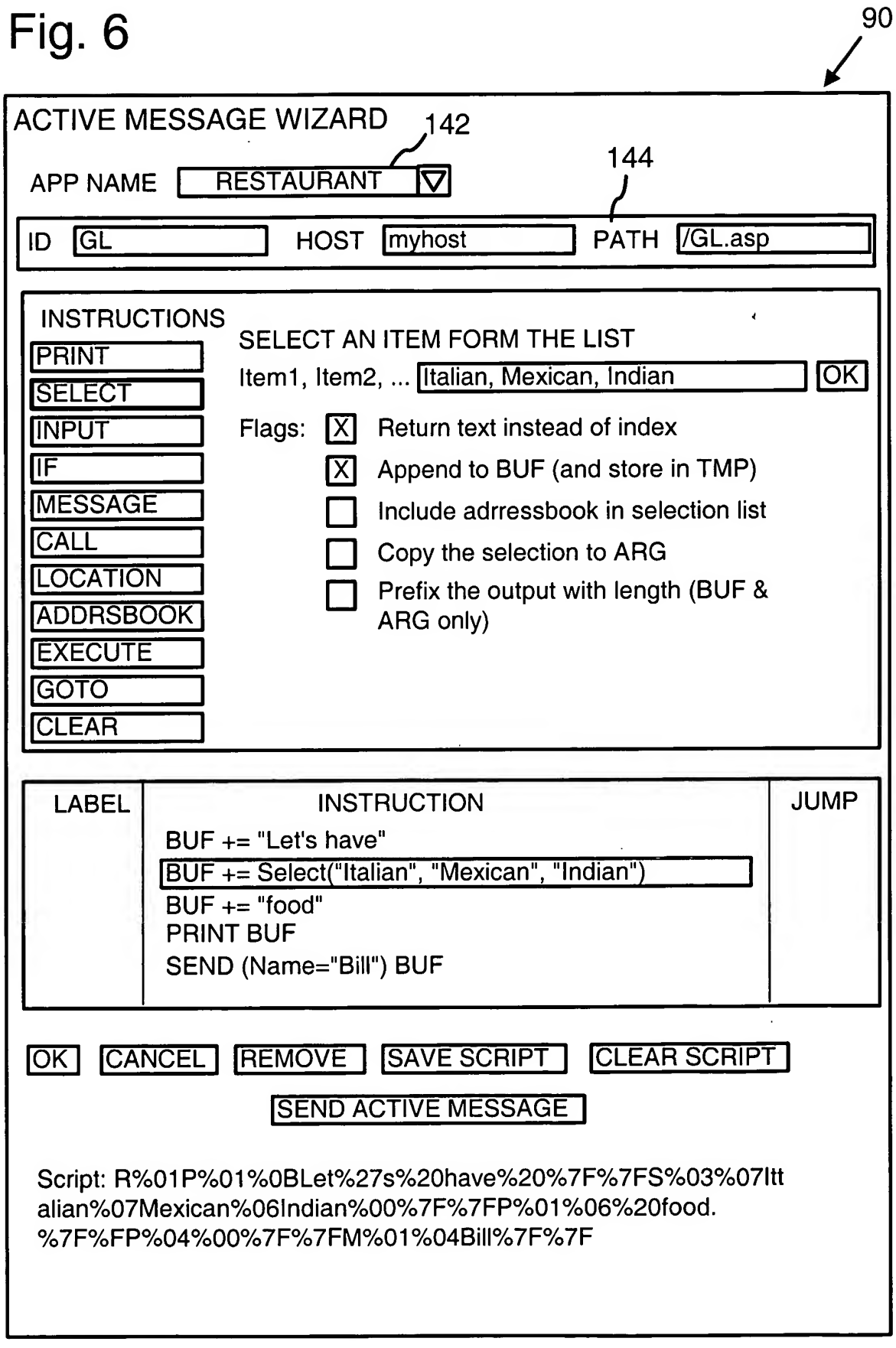
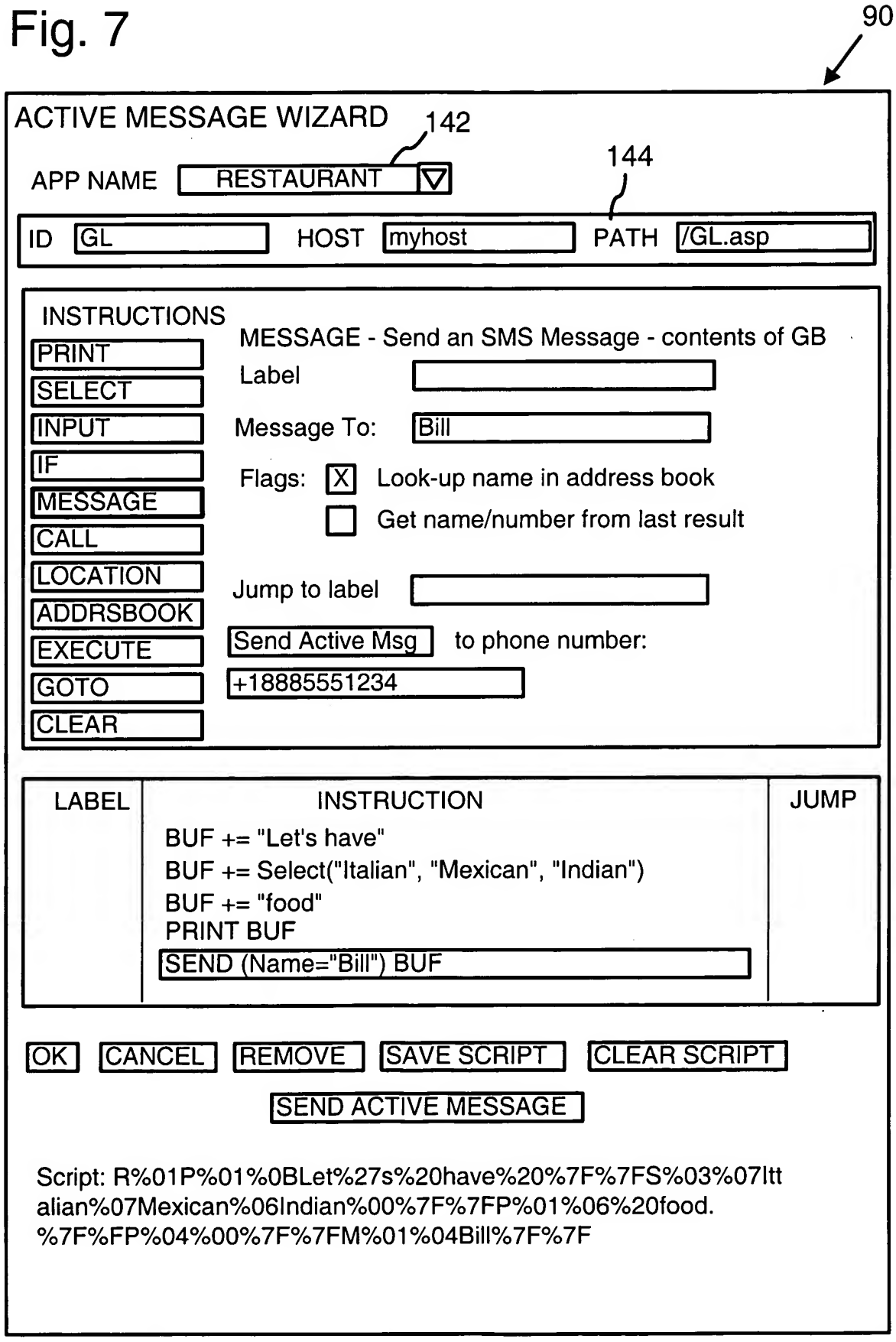

90
ACTIVE MESSAGE WIZARD
142
APP NAME
RESTAURANT
144
ID
GL
HOST
myhost
PATH
/GL.asp
INSTRUCTIONS
PRINT
SELECT
INPUT
IF
MESSAGE
CALL
LOCATION
ADDRSBOOK
EXECUTE
GOTO
CLEAR
SELECT AN ITEM FORM THE LIST
Item1, Item2, ...
Italian, Mexican, Indian
OK
Flags:
Return text instead of index
Append to BUF (and store in TMP)
Include adrressbook in selection list
Copy the selection to ARG
Prefix the output with length (BUF & ARG only)
LABEL
INSTRUCTION
JUMP
BUF += "Let's have"
BUF += Select("Italian", "Mexican", "Indian")
BUF += "food"
PRINT BUF
SEND (Name="Bill") BUF
OK
CANCEL
REMOVE
SAVE SCRIPT
CLEAR SCRIPT
SEND ACTIVE MESSAGE
Script: R%01P%01%0BLet%27s%20have%20%7F%7FS%03%07Itt
alian%07Mexican%06Indian%00%7F%7FP%01%06%20food.
%7F%FP%04%00%7F%7FM%01%04Bill%7F%7F

Fig. 7


90
ACTIVE MESSAGE WIZARD
142
APP NAME
RESTAURANT
144
ID
GL
HOST
myhost
PATH
/GL.asp
INSTRUCTIONS
PRINT
SELECT
INPUT
IF
MESSAGE
CALL
LOCATION
ADDRSBOOK
EXECUTE
GOTO
CLEAR
MESSAGE - Send an SMS Message - contents of GB
Label
Message To:
Bill
Flags:
X
Look-up name in address book
Get name/number from last result
Jump to label
Send Active Msg
to phone number:
+18885551234
LABEL
INSTRUCTION
JUMP
BUF += "Let's have"
BUF += Select("Italian", "Mexican", "Indian")
BUF += "food"
PRINT BUF
SEND (Name="Bill") BUF
OK
CANCEL
REMOVE
SAVE SCRIPT
CLEAR SCRIPT
SEND ACTIVE MESSAGE
Script: R%01P%01%0BLet%27s%20have%20%7F%7FS%03%07Itt
alian%07Mexican%06Indian%00%7F%7FP%01%06%20food.
%7F%FP%04%00%7F%7FM%01%04Bill%7F%7F